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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/807,004A

DATE: 07/12/2004
TIME: 16:53:43

Input Set : A:\1279-281C1-SEQUENCE LISTING.txt
Output Set: N:\CRF4\07122004\J807004A.raw

3 <110> APPLICANT: Morse, Daniel E.
4 Kisailus, David
5 Roth, Kristian M.
7 <120> TITLE OF INVENTION: METHODS, COMPOSITIONS, AND BIOMIMETIC CATALYSTS FOR THE
SYNTHESIS

8 OF SILICA, POLYSILSEQUOXANES, POLYSILOXANES, NON-SILICON
9 METALLOID-OXYGEN NETWORKS, POLYMETALLO-OXANES, AND THEIR ORGANIC
10 OR HYDRIDO CONJUGATES AND DERIVATIVES
12 <130> FILE REFERENCE: 1279-281C1
14 <140> CURRENT APPLICATION NUMBER: 10/807,004A
15 <141> CURRENT FILING DATE: 2004-03-22
17 <150> PRIOR APPLICATION NUMBER: US 10/727,232
18 <151> PRIOR FILING DATE: 2003-12-02
20 <150> PRIOR APPLICATION NUMBER: US 10/278,491
21 <151> PRIOR FILING DATE: 2002-10-22
23 <150> PRIOR APPLICATION NUMBER: US 09/856,599
24 <151> PRIOR FILING DATE: 2001-07-16
26 <150> PRIOR APPLICATION NUMBER: PCT/US99/30601
27 <151> PRIOR FILING DATE: 1999-12-18
29 <150> PRIOR APPLICATION NUMBER: US 60/112,944
30 <151> PRIOR FILING DATE: 1998-12-18
32 <150> PRIOR APPLICATION NUMBER: US 10/478,118
33 <151> PRIOR FILING DATE: 2002-09-11
35 <150> PRIOR APPLICATION NUMBER: PCT/US01/11481
36 <151> PRIOR FILING DATE: 2001-04-04
38 <150> PRIOR APPLICATION NUMBER: US 60/194,568
39 <151> PRIOR FILING DATE: 2000-04-04
41 <160> NUMBER OF SEQ ID NOS: 2
43 <170> SOFTWARE: PatentIn version 3.2
45 <210> SEQ ID NO: 1
46 <211> LENGTH: 330
47 <212> TYPE: PRT
48 <213> ORGANISM: Tethya aurantia
50 <400> SEQUENCE: 1
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57 20 25 30
60 Lys Lys Gln His Asp Lys Ser Tyr Ser Thr Asn Leu Glu Glu Leu Glu
61 35 40 45
64 Lys His Leu Val Trp Leu Ser Asn Lys Lys Tyr Ile Glu Leu His Asn
65 50 55 60
68 Ala Asn Ala Asp Thr Phe Gly Phe Thr Leu Ala Met Asn His Leu Gly
69 65 70 75 80

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72 Asp Met Thr Asp His Glu Tyr Lys Glu Arg Tyr Leu Thr Tyr Thr Asn
73 85 90 95
76 Ser Lys Ser Gly Asn Tyr Thr Lys Val Phe Lys Arg Glu Pro Trp Met
77 100 105 110
80 Ala Tyr Pro Glu Thr Val Asp Trp Arg Thr Lys Gly Ala Val Thr Gly
81 115 120 125
84 Ile Lys Ser Gln Gly Asp Cys Gly Ala Ser Tyr Ala Phe Ser Ala Met
85 130 135 140
88 Gly Ala Leu Glu Gly Ile Asn Ala Leu Ala Thr Gly Lys Leu Thr Tyr
89 145 150 155 160
92 Leu Ser Glu Gln Asn Ile Ile Asp Cys Ser Val Pro Tyr Gly Asn His
93 165 170 175
96 Gly Cys Lys Gly Gly Asn Met Tyr Val Ala Phe Leu Tyr Val Val Ala
97 180 185 190
100 Asn Glu Gly Val Asp Asp Gly Gly Ser Tyr Pro Phe Arg Gly Lys Gln
101 195 200 205
104 Ser Ser Cys Thr Tyr Gln Glu Gln Tyr Arg Gly Ala Ser Met Ser Gly
105 210 215 220
108 Ser Val Gln Ile Asn Ser Gly Ser Glu Ser Asp Leu Glu Ala Ala Val
109 225 230 235 240
112 Ala Asn Val Gly Pro Val Ala Val Ala Ile Asp Gly Glu Ser Asn Ala
113 245 250 255
116 Phe Arg Phe Tyr Tyr Ser Gly Val Tyr Asp Ser Ser Arg Cys Ser Ser
117 260 265 270
120 Ser Ser Leu Asn His Ala Met Val Ile Thr Gly Tyr Gly Ile Ser Asn
121 275 280 285
124 Asn Gln Glu Tyr Trp Leu Ala Lys Asn Ser Trp Gly Glu Asn Trp Gly
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164 gatgatgggg gttccatatcc atttagagga aagcaatcca gttgtacgta tcaagagcag 720

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176	aatcaatgtg	ggattgctag	tgatgcctcc	taccccactc	tctagcatgt	cagccagccc	1080
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VERIFICATION SUMMARY

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